

WEST BENGAL RENEWABLE ENERGY DEVELOPMENT AGENCY

TenderDocument For

Design & Engineering, Manufacture / Procurement, Testing, Supply, Installation and Commissioning of standalone solar PV power plants of cumulative capacity 100 kWp of different capacity ranging from 5 kWp to 20 kWp including five (05) years guarantee and comprehensive maintenance at various location of West Bengal

NIT No: WBGEDCL/WBREDA/NIEt -06 /16-17

Dated : 20/09/2016



**West Bengal Renewable Energy Development Agency
Bikalpa Shakti Bhavan, J1/10, EP&GP Block,
Sector – V, Salt Lake, Kolkata – 700 091**

These documents are meant for the exclusive purpose of bidding against this NIT and shall not be transferred, reproduced or otherwise used for purposes other than that for which they are specifically issued.

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Section I - NOTICE INVITING TENDER

West Bengal Renewable Energy Development Agency
(An organization of Department of Power and NES Government of West Bengal)
BIKALPA SHAKTI BHAVAN, Plot – J1/10, Block – EP & GP,
Sector – V, Salt Lake City, Kolkata – 700 091

ABRIDGED NOTICE INVITING e-TENDER

NIT No: WBGEDCL/WBREDA/NIT- 06 /16-17

dated: 20-09-16

WBREDA invites e-tender for “Design & Engineering, Manufacture / Procurement, Testing, Supply, Installation and Commissioning of standalone solar PV power plants of cumulative capacity 100 kWp of different capacity ranging from 5 kWp to 20 kWp including five (05) years guarantee and comprehensive maintenance at various location of West Bengal”. Detailed NIT may be seen & downloaded from WBREDA website (www.wbreda.org).

Interested bidders may obtain bidding documents by registering themselves to the e-tendering portal (<https://wbtenders.gov.in>) and thereby downloading the bidding documents from **10.00 AM** on **26-09-16** and the offer shall be submitted online up to **4.00 PM on 22-10-16**

Sd/-

Chief Engineer
WBREDA

West Bengal Renewable Energy Development Agency
(An organization of Department of Power and NES Government of West Bengal)
BIKALPA SHAKTI BHAVAN, Plot – J1/10, Block – EP & GP,
Sector – V, Salt Lake City, Kolkata – 700 091
(Domestic competitive bidding)

DETAILED NOTICE INVITING TENDER

For

“Design & Engineering, Manufacture / Procurement, Testing, Supply, Installation and Commissioning of standalone solar PV power plants of cumulative capacity 100 kWp of different capacity ranging from 5 kWp to 20 kWp including five (05) years guarantee and comprehensive maintenance at various location of West Bengal”.

NIT No: WBGEDCL /WBREDA /NIeT-06 /16-17 DTD: 20-09-16

1.0 West Bengal Renewable Energy Development Agency herein referred to as **WBREDA** invites e-tender (Submission of Bid through **online**) through Domestic Competitive Bidding (DCB) from eligible bidders for following work:-

Name of the Work :

“Design & Engineering, Manufacture / Procurement, Testing, Supply, Installation and Commissioning of standalone solar PV power plants of cumulative capacity 100 kWp of different capacity ranging from 5 kWp to 20 kWp including five (05) years guarantee and comprehensive maintenance at various location of West Bengal”.

2.0 SCOPE OF WORK : The work covered under this Tender shall be included but not limited to the following:-

A) SUPPLY:

The scope includes the following but not limited to:

Manufacture / Procurement, Supply and delivery of all the materials like PV Modules, Module Mounting Structure, PCUs, Battery Banks, Array Junction Boxes, AC Distribution Boards, Cables, system protection devices , Internal electrical wiring materials, electrical gadgets (LED Light , Fans etc) and other accessories conforming to the Technical Specification as required for successful installations commissioning of standalone solar PV power plants of cumulative capacity 100 kWp of different capacity ranging from 5 kWp to 20 kWp at various location of West Bengal.

B) ERECTION AND OTHER SEVICES:-

The scope includes the following but not limited to:

Design & Engineering, Testing, Installation and Commissioning of standalone solar PV power plants with internal wiring and fitting fixing of electrical gadgets (Lights and Fans) and other accessories conforming to the Technical Specification as required for successful installations commissioning of standalone solar PV power plants of cumulative capacity 100 kWp of different

capacity ranging from 5 kWp to 20 kWp including five (05) years guarantee and comprehensive maintenance at various location of West Bengal

- 3.0** Detailed Specification, scope of supply and terms and conditions of supply are given in the bidding documents, which are available at the online e-tendering portal <https://wbtenders.gov.in>

4.0 Name of the Beneficiary organization and address and Capacity of PV power plan

Sl no	Name of the Beneficiary/ Site	Address
01	Gosaba BPHC	Vill: Gosaba 3 no, PO+PS+ Block: Gosaba, Dist: South 24 Parganas, Pin : 743370
02	Chottomollakhali PHC	Vill+ PO: Chottomollakhali, Block: Gosaba, Dist: South 24 Parganas, Pin : 743370
03	Lahiripur GP Head Quarter	Vill+PO: Lahiripur, Block: Gosaba, Dist: South 24 Parganas, Pin : 743370
04	Sombhunagar GP Head Quarter	Vill+ PO: Sombhunagar, Block: Gosaba, Dist: South 24 Parganas, Pin : 743611
05	Bally-II GP Head Quarter	Vill+PO: Bijoy Nagar, Block: Gosaba, Dist: South 24 Parganas, Pin : 743370
06	Mousuni PHC	Village + PO : Bagdanga, PS: Freserganj Costal, District: South 24 Parganas
07	Indrapur PHC	Vill+PO : Indrapur, PS.: Gobindapur Costal District: South 24 Paraganas, Pin : 743371
08	Rakhalpur GP Head Quarter	Pathar Pratima , District: South 24 Parganas, Pin : 743371

5.0 Locations of Installation and capacity of Power Plant:

Sl No	Name of the Court	Nominal Capacity of PV Array
01	Gosaba BPHC	20 kWp
02	Chottomollakhali PHC	20 kWp
03	Lahiripur GP Head Quarter	5 kWp
04	Sombhunagar GP Head Quarter	5 kWp
05	Bally-II GP Head Quarter	5 kWp
06	Mousuni PHC	20kWp
07	Indrapur PHC	20kWp
08	Rakhalpur GP Head Quarter	5kWp
	Total	100 kWp

6.0 Estimated Cost of the Project: Rs. 1,98,50,000.00 (Rupees one crore ninety lac fifty thousand) only

7.0 Cost of Tender Document (Tender Fee):

Cost of Tender document is **Rs 5000.00 (Five Thousand)**. The cost of tender document is non-refundable. The tender fee may be remitted through Bank Draft / Banker's cheque issued from any scheduled commercial bank of India in favour of the "WBREDA", payable at Kolkata

8.0 Bid Security (Earnest Money Deposit (EMD)) :

The Bid Security / EMD is Rs 4,00,000.00 (Rupees four lac) only. Necessary Earnest Money (EMD) may be remitted through Bank Draft / Banker's cheque issued from any scheduled commercial bank India in favour of the "WBREDA", payable at Kolkata or **Bank Guarantee from any scheduled commercial bank in India**

9.0 Schedule of Dates for e-Tendering:

SL. NO.	PARTICULARS	DATE & TIME
1.	Documents download start date (Online)	26-09-16 From 10.00 PM
2.	Last date of uploading Pre-bid Query	01-10-16 upto 4.00 PM
3.	Pre- bid Meeting	03-10-16 at 3.00 PM
4.	Bid proposal submission start date (Online)	06-10-16 From 10.00 AM
5.	Bid proposal Submission end date (Online)	22-10-16 up to 4.00 PM.
6.	Last Date of submission of original copies of Tender Fees Earnest Money Deposit (offline submission)	Within 25-10-16 up to 4:00PM At WBREDA, Bikalapa Shakti Bhaban", J1/10, EP/GP Block , Sector V , Saltlake , Kolkata 700091
7.	Bid opening date for Technical proposal (Online)	26-10-16 at 3:00 PM
8.	Date of Opening of financial bid	Intimated later

10.0 In the event of e-filling, intending bidder shall download the tender documents from the website <http://wbtenders.gov.in> directly with the help of Digital Signature Certificate. Necessary cost of tender documents (tender fees) amounting to **Rs. 5,000/- (Rupees five thousand) only** shall have to be remitted through Bank Draft / Banker's cheque issued from any scheduled commercial bank in India in favour of the "WBREDA", payable at Kolkata and a scanned copy of the same to be uploaded. Necessary Earnest Money (EMD) shall have to be remitted through Bank Draft / Banker's cheque issued from any scheduled commercial bank in India in favour of the "WBREDA", payable at Kolkata or Bank Guarantee from any scheduled commercial bank of India and also to be documented through e-filling. The original Bank Draft / Banker's cheque against tender fees and the original Bank Draft / Banker's cheque / Bank Guarantee against Earnest Money Deposit (EMD) (As statutory documents) must be submitted physically (Offline) to the Chief Engineer , WBREDA , Salt lake , Kolkata on or before the scheduled date & time as specified in the NIT.

11.0 All bids must be supported by bid security (EMD) for an amount Rs 4,00,000.00 (Rupees four lac) only in the form of Demand Draft /Banker's cheque drawn in favour of "WBREDA" from any scheduled commercial bank in India, payable at Kolkata, or a Bank Guarantee from any scheduled commercial bank favouring WBREDA which shall remain valid for a period of one hundred eighty (180) days from the next day of techno-commercial bid opening date with a further claim period of ninety (90) days. Bid shall be

rejected by the **WBREDA** if the bidder fails to submit original Bank Draft / Banker's cheque as tender fees & original Bank Draft / Banker's cheque/Bank Guarantee as Earnest Money Deposit (EMD) physically to the Chief Engineer, WBREDA, Saltlake, Kolkata on or before the scheduled date & time as specified above

12.0 Qualifying Requirement For Bidders:

The Bidder must have to meet the following minimum qualification for standalone solar PV Power Plant of cumulative PV array capacity **100 kWp** are **as follows:**

12.1 General :

The Bidder, who intends to participate in the Bid, must have to meet the following criteria:

- i) The Bidder shall be a Sole Proprietorship / Firm or Company incorporated in India under the Companies Act, 1956 or 2013 or Indian Partnership Act 1932 or LLP Act 2008
 - ii) Bidders shall have to submit:
 - a) i) **For the Companies** : Audited Balance Sheet and Statement of Profit and Loss Account for the financial year 2013-14, 2014-15, 2015-16
 - ii) **Other than Companies:** Audited Balance Sheet and trading and Profit and Loss Account for the financial year 2013-14, 2014-15, 2015-16
 - b) Acknowledgement of Income Tax Return for the Assessment Years 2014-15, 2015 - 16, 2016-17
 - c) If the bidder set up in less than 3 years period in such cases the bidder shall submit the requirements at **Sl no: 12.1 ii) a)i) or 12.1ii)a)ii)** as the case may be as specified for the balance period from the inception (it may be either be one year or two years)
- iii) The bidder **must have** valid CST/VAT/TIN, Service Tax, PF Registration

12.2 Financial Capability:

The Bidder, who intends to participate in the Bid, must have to meet the following criteria:

- i. Minimum Average Annual Turnover (MAAT) of the Bidder for last 3 (three) financial years as per **Sl no: 12.1 ii) a) or for available years as Sl no 12.1ii)c)** of this NIT shall at least **Rs. 60,00,000 (Rupees sixty lac) only.**
- ii. Net worth as per the financial statement of the last financial year as referred in **Sl no: 12.1 ii) a) of this NIT** shall be positive.

12.3 Technical Capability

The Bidder, who intends to participate in the Bid, must have to meet the following criteria:

- a) The Bidder shall have experience in Supply, Installation & Commissioning of ground mounted and/or rooftop Solar PV Power plants at any Institution /organization /SNA /PSU/ Government Organization having

cumulative capacity of not less than **60 kWp** which should have been commissioned as on the date of issuance of NIT. The minimum capacity of each Power plant must be **5 kWp**

- b) Bidder must be the Channel partner of MNRE Government of India under “**Off-Grid and Decentralized Solar Application**”.

13.0 Completion time :

Time for Completion of the total Works shall be **180 (one hundred eighty) days** from the date of LOA.

14.0 Validity of offer:

Validity of the offer is **180 days from** the date of opening of the bid. However, it may be extended in case of exigencies with consent from the successful bidder(s).

- 15.0** WBREDA is not bound to accept the lowest tender. WBREDA reserves the right to accept or reject any bid partly or fully or cancel the bidding without assigning any reason thereof and in such case no bidder/ intending bidder shall have any claim arising out of such action.

- 16.0** If the offer is submitted without or inadequate Earnest Money (Bid Security), the bid will not be opened. Incomplete offer will be liable for rejection.

- 17.0** A prospective bidder requiring any clarification on bidding documents may notify the WBREDA by uploading the same in the e-tendering portal, which shall be available to all the participant bidders, as per Standard Format enclosed with this document **Form 10** and **Form 11** not later than the date and time specified in NIT. The soft copy of the same must be sent in Excel format at the mail address : **cewbredagedcl@gmail.com**

- 18.0** Any evidence of unfair Trade Practices including over charging, price fixing, cartel etc. as defined in various statutes, will automatically disqualify the bidders.

- 19.0** If the dates of any offline activity (Pre-bid meeting, Last Date of submission of original copies of Tender Fees Earnest Money Deposit in original at the office etc) and opening of Technical Bid and Financial Bid fall on holidays or on days of strike or natural calamity, the dates get deferred to next working days at same hours without any further notice.

- 20.0** The Tender Inviting Authority reserves the right to modify, amend or supplement the Tender Document. Any corrigendum, notification concerned to this tender will be published in the e- tender portal **<https://wbtenders.gov.in>** and it will be part & parcel of the tender. The bidders are therefore advised to follow the e-tender portal **<https://wbtenders.gov.in>** for such corrigendum, notification etc.

- 21.0 Technical Specification :** All the Technical Specifications are as per the Technical Specification of this NIT (**Section VI**)

- 22.0** Consortium or Joint Venture for this work will not be considered.

- 23.0** Other information as well as terms and conditions, which do not covered in the NIT, have been incorporated in **Instructions to Bidders (Section II), Bid Data Sheet (Section-III) General Condition of Contract (Section IV) Special Conditions of Contract (Section V), Technical specification (Section-VI)**, of this tender.

24.0 Address For Communication

The Chief Engineer
West Bengal Renewable Energy Development Agency
Bikalpa Shakti Bhavan, J1/10, EP&GP Block,
Sector – V, Salt Lake, Kolkata – 700 091
Website : www.wbreda.org
Contact No. +913323575038 / +913323575037
Fax No. : +913323576668
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Chief Engineer
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